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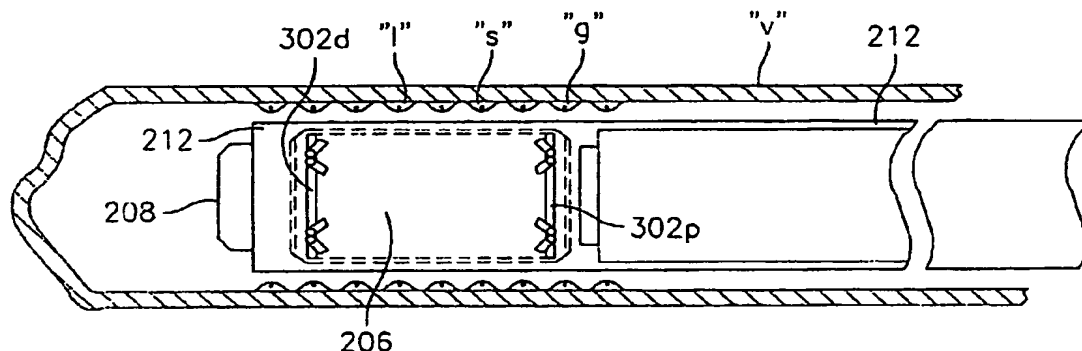
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(54) Title: **APPARATUS AND METHOD FOR FIXATION OF VASCULAR GRAFTS**



(57) Abstract: An apparatus for facilitating securement of a vascular graft within a blood vessel, includes a shaft dimensioned for passage within a blood vessel and having an expansion member movable between a contracted condition and an expanded condition and a fastener array comprising at least one fastener disposed about a peripheral portion of the expansion member. The one fastener is deployable into a wall of the blood vessel upon movement of the expansion member to the expanded condition thereof, to thereby engage the vascular graft to secure the vascular graft to a wall of the blood vessel. The fastener array preferably includes a plurality of fasteners. The fasteners may be operatively connected to each other and releasably secured to the peripheral portion of the expansion member.

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